

WHAT IS CLAIMED IS:

1. A surface acoustic wave device comprising:
a package; and
a plurality of surface acoustic wave filters having different center frequencies and included in said package;
wherein one of an input terminal and an output terminal of at least one of said plurality of surface acoustic wave filters is a balanced terminal and the other of the input terminal and the output terminal of said at least one of said plurality of surface acoustic wave filters is an unbalanced terminal.
2. A surface acoustic wave device according to Claim 1, wherein one of the input terminal and the output terminal of each of said plurality of surface acoustic wave filters is a balanced terminal and the other of the input terminal and the output terminal of each of said plurality of surface acoustic wave filters is an unbalanced terminal.
3. A surface acoustic wave device according to Claim 2, wherein the unbalanced terminal is shared among said plurality of surface acoustic wave filters.
4. A surface acoustic wave device according to Claim 3,

further comprising an impedance matching element connected to the shared unbalanced terminal.

5. A surface acoustic wave device according to Claim 4, wherein said impedance matching element is an inductor connected in parallel to the unbalanced terminal.

6. A surface acoustic wave device according to one of Claim 1, wherein at least one of said plurality of surface acoustic wave filters is a surface acoustic wave filter including cascaded resonators.

7. A surface acoustic wave device according to one of Claim 1, wherein at least one of said plurality of surface acoustic wave filters has a different electrode thickness from the other surface acoustic wave filters.

8. A surface acoustic wave device according to Claim 7, wherein each of said plurality of surface acoustic wave filters is disposed on a single piezoelectric substrate.

9. A surface acoustic wave device according to Claim 1, wherein one of the plurality of surface acoustic wave filters is constructed to perform DCS reception and another of the surface acoustic wave filters is constructed to

perform PCS reception.

10. A surface acoustic wave device according to Claim 1, wherein the plurality of surface acoustic wave filters are integral with each other.

11. A surface acoustic wave device according to Claim 1, further comprising a single substrate, wherein said plurality of surface acoustic wave filters are defined by electrodes disposed on said single substrate.

12. A surface acoustic wave device according to Claim 11, wherein said single substrate is a $40\pm 5^\circ$ Y-cut X-propagating LiTaO₃ substrate.

13. A surface acoustic wave device according to Claim 1, further comprising a single substrate, wherein said plurality of surface acoustic wave devices mounted face-down on the single substrate.

14. A surface acoustic wave device according to Claim 1, wherein said package includes a base substrate and a surrounding sidewall fixed on the base substrate.

15. A surface acoustic wave device according to Claim

1, wherein each of the surface acoustic wave filters is constructed to perform a function of unbalanced/balanced conversion.

16. A surface acoustic wave device according to Claim 1, further comprising an inductor connected between the balanced output terminals.

17. A surface acoustic wave device according to Claim 16, further comprising a substrate on which said plurality of surface acoustic waves are provided, wherein the inductor is provided within the package or on the substrate.

18. A surface acoustic wave device according to Claim 1, further comprising an inductor connected to the package.

19. A surface acoustic wave device according to Claim 18, further comprising a substrate on which said plurality of surface acoustic waves are provided, wherein the inductor is provided within the package or on the substrate.

20. A communications device comprising a surface acoustic wave device according to Claim 1.

21. The communications device according to Claim 20,

wherein said surface acoustic wave device defines a band-pass filter.

[illegible]